

CRF Errors Corrected by the STIC System Branch

Serial Number: 10/019,791

ENTERED

CRF Processing Date: 1/30/2002
 Edited by: [Signature]
 Verified by: [Signature] (STIC staff)

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically: #7
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically:
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were:
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included:
- ☐ Deleted extra, invalid, headings used by an applicant, specifically:
- ☒ Deleted: ☒ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as
- ☐ Inserted mandatory headings, specifically:
- ☐ Corrected an obvious error in the response, specifically:
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically:
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted **ending** stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected:
- ☐ Other:



PCT10

RAW SEQUENCE LISTING

DATE: 01/30/2002

PATENT APPLICATION: US/10/019,791

TIME: 13:14:33

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF3\01302002\J019791.raw

```

5 <110> APPLICANT: Brett P. Monia
6   Brenda F. Baker
7   Hong Zhang
8   Lex M. Cowsert
11 <120> TITLE OF INVENTION: ANTISENSE MODULATION OF FADD EXPRESSION
13 <130> FILE REFERENCE: RTSP-0243
C--> 15 <140> CURRENT APPLICATION NUMBER: US/10/019,791
C--> 15 <141> CURRENT FILING DATE: 2002-01-04
15 <150> PRIOR APPLICATION NUMBER: US 09/357,072
16 <151> PRIOR FILING DATE: 1999-07-19
18 <160> NUMBER OF SEQ ID NOS: 87
20 <210> SEQ ID NO: 1
21 <211> LENGTH: 1701
22 <212> TYPE: DNA
23 <213> ORGANISM: Homo sapiens
25 <220> FEATURE:
26 <221> NAME/KEY: CDS
27 <222> LOCATION: (145)..(771)
29 <400> SEQUENCE: 1
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32 cgagacctgg ccagggccag cgagccgagg acagagggcg cgcggagggc cgggccgcag      120
34 ccccggccgc ttgcagacct cgcc atg gac ccg ttc ctg gtg ctg ctg cac      171
35                               Met Asp Pro Phe Leu Val Leu Leu His
36                               1                               5
38 tcg gtg tcg tcc agc ctg tcg agc agc gag ctg acc gag ctc aag ttc      219
39 Ser Val Ser Ser Ser Leu Ser Ser Ser Glu Leu Thr Glu Leu Lys Phe
40 10                               15                               20                               25
42 cta tgc ctc ggg cgc gtg gtc aag cgc aag ctg gag cgc gtg cag agc      267
43 Leu Cys Leu Gly Arg Val Val Lys Arg Lys Leu Glu Arg Val Gln Ser
44                               30                               35                               40
46 ggc cta gac ctc ttc tcc atg ctg ctg gag cag aac gac ctg gag ccc      315
47 Gly Leu Asp Leu Phe Ser Met Leu Leu Glu Gln Asn Asp Leu Glu Pro
48                               45                               50                               55
50 ggg cac acc gag ctc ctg cgc gag ctg ctc gcc tcc ctg cgg cgc cac      363
51 Gly His Thr Glu Leu Leu Arg Glu Leu Leu Ala Ser Leu Arg Arg His
52                               60                               65                               70
54 gac ctg ctg cgg cgc gtc gac gac ttc gag gcg ggg gcg gcc ggg      411
55 Asp Leu Leu Arg Arg Val Asp Asp Phe Glu Ala Gly Ala Ala Ala Gly
56                               75                               80                               85
58 gcc gcg cct ggg gaa gaa gac ctg tgt gca gca ttt aac gtc ata tgt      459
59 Ala Ala Pro Gly Glu Glu Asp Leu Cys Ala Ala Phe Asn Val Ile Cys
60 90                               95                               100                               105
62 gat aat gtg ggg aaa gat tgg aga agg ctg gct cgt cag ctc aaa gtc      507

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63 Asp Asn Val Gly Lys Asp Trp Arg Arg Leu Ala Arg Gln Leu Lys Val
64          110          115          120
66 tca gac acc aag atc gac agc atc gag gac aga tac ccc cgc aac ctg      555
67 Ser Asp Thr Lys Ile Asp Ser Ile Glu Asp Arg Tyr Pro Arg Asn Leu
68          125          130          135
70 aca gag cgt gtg cgg gag tca ctg aga atc tgg aag aac aca gag aag      603
71 Thr Glu Arg Val Arg Glu Ser Leu Arg Ile Trp Lys Asn Thr Glu Lys
72          140          145          150
74 gag aac gca aca gtg gcc cac ctg gtg ggg gct ctc agg tcc tgc cag      651
75 Glu Asn Ala Thr Val Ala His Leu Val Gly Ala Leu Arg Ser Cys Gln
76          155          160          165
78 atg aac ctg gtg gct gac ctg gta caa gag gtt cag cag gcc cgt gac      699
79 Met Asn Leu Val Ala Asp Leu Val Gln Glu Val Gln Gln Ala Arg Asp
80 170          175          180          185
82 ctc cag aac agg agt ggg gcc atg tcc ccg atg tca tgg aac tca gac      747
83 Leu Gln Asn Arg Ser Gly Ala Met Ser Pro Met Ser Trp Asn Ser Asp
84          190          195          200
86 gca tct acc tcc gaa gcg tcc tga tgggcccgtg ctttgcgctg gtggaccaca      801
87 Ala Ser Thr Ser Glu Ala Ser
88          205
90 ggcattctaca cagcctggac tttggttctc tccaggaagg tagcccagca ctgtgaagac      861
92 ccagcaggaa gccaggctga gtgagccaca gaccacctgc ttctgaactc aagctgcgtt      921
94 tattaatgcc tctcccgcac caggccgggc ttgggccctg cacagatatt tccatttctt      981
96 ctcactatg aactgagca agatcttgtc tccactaaat gagctcctgc gggagtagtt      1041
98 ggaaagtgg aaccgtgtcc agcacagaag gaatctgtgc agatgagcag tcacactgtt      1101
100 actccacagc ggagggagacc agctcagagg cccaggaatc ggagcgaagc agagaggtgg      1161
102 agaactggga tttgaacccc cgccatcctt caccagagcc catgctcaac cactgtggcg      1221
104 ttctgtgcc cctgcagttg gcagaaagga tgtttttgtc ccatttctt ggaggccacc      1281
106 gggacagacc tggacactag ggtcaggcgg ggtgctgtgg tggggagagg catggctggg      1341
108 gtgggggtgg ggagacctgg ttggccgtgg tccagctctt ggcccctgtg tgagttgagt      1401
110 ctctctctg agactgctaa gtaggggcag tgatggttgc caggacgaat tgagataata      1461
112 tctgtgaggt gctgatgagt gattgacaca cagcactctc taaatcttcc ttgtgaggat      1521
114 tatgggtcct gcaattctac agtttcttac tgttttgtat caaaatcact atctttctga      1581
116 taacagaatt gccaaaggcag cgggatctcg tatctttaa aagcagtcct cttattccta      1641
118 aggtaatcct attaaaacac agctttacaa ctccatatt aaaaaaaaaa aaaaaaaaaa      1701
120 <210> SEQ ID NO: 2
121 <211> LENGTH: 22
122 <212> TYPE: DNA
123 <213> ORGANISM: Artificial Sequence
125 <220> FEATURE:
126 <223> OTHER INFORMATION: PCR Primer
128 <400> SEQUENCE: 2
129 gtcattggaac tcagacgcat ct      22
131 <210> SEQ ID NO: 3
132 <211> LENGTH: 17
133 <212> TYPE: DNA
134 <213> ORGANISM: Artificial Sequence
136 <220> FEATURE:
137 <223> OTHER INFORMATION: PCR Primer

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139 <400> SEQUENCE: 3
140 tccaccagcg caaagca 17
142 <210> SEQ ID NO: 4
143 <211> LENGTH: 22
144 <212> TYPE: DNA
145 <213> ORGANISM: Artificial Sequence
147 <220> FEATURE:
148 <223> OTHER INFORMATION: PCR Probe
150 <400> SEQUENCE: 4
151 cctccgaagc gtcctgatgg gc 22
153 <210> SEQ ID NO: 5
154 <211> LENGTH: 19
155 <212> TYPE: DNA
156 <213> ORGANISM: Artificial Sequence
158 <220> FEATURE:
159 <223> OTHER INFORMATION: PCR Primer
161 <400> SEQUENCE: 5
162 gaaggtgaag gtcggagtc 19
164 <210> SEQ ID NO: 6
165 <211> LENGTH: 20
166 <212> TYPE: DNA
167 <213> ORGANISM: Artificial Sequence
169 <220> FEATURE:
170 <223> OTHER INFORMATION: PCR Primer
172 <400> SEQUENCE: 6
173 gaagatggtg atgggatttc 20
175 <210> SEQ ID NO: 7
176 <211> LENGTH: 20
177 <212> TYPE: DNA
178 <213> ORGANISM: Artificial Sequence
180 <220> FEATURE:
181 <223> OTHER INFORMATION: PCR Probe
183 <400> SEQUENCE: 7
184 caagcttccc gttctcagcc 20
186 <210> SEQ ID NO: 8
187 <211> LENGTH: 18
188 <212> TYPE: DNA
189 <213> ORGANISM: Artificial Sequence
191 <220> FEATURE:
192 <223> OTHER INFORMATION: Antisense Oligonucleotide
194 <400> SEQUENCE: 8
195 ctccggtgcc tgattcac 18
197 <210> SEQ ID NO: 9
198 <211> LENGTH: 18
199 <212> TYPE: DNA
200 <213> ORGANISM: Artificial Sequence
202 <220> FEATURE:
203 <223> OTHER INFORMATION: Antisense Oligonucleotide
205 <400> SEQUENCE: 9

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206 ccagcggccc aaggattc 18
208 <210> SEQ ID NO: 10
209 <211> LENGTH: 18
210 <212> TYPE: DNA
211 <213> ORGANISM: Artificial Sequence
213 <220> FEATURE:
214 <223> OTHER INFORMATION: Antisense Oligonucleotide
216 <400> SEQUENCE: 10
217 accaggaacg ggtccatg 18
219 <210> SEQ ID NO: 11
220 <211> LENGTH: 18
221 <212> TYPE: DNA
222 <213> ORGANISM: Artificial Sequence
224 <220> FEATURE:
225 <223> OTHER INFORMATION: Antisense Oligonucleotide
227 <400> SEQUENCE: 11
228 acaccgagtg cagcagca 18
230 <210> SEQ ID NO: 12
231 <211> LENGTH: 18
232 <212> TYPE: DNA
233 <213> ORGANISM: Artificial Sequence
235 <220> FEATURE:
236 <223> OTHER INFORMATION: Antisense Oligonucleotide
238 <400> SEQUENCE: 12
239 gacaggctgg acgacacc 18
241 <210> SEQ ID NO: 13
242 <211> LENGTH: 18
243 <212> TYPE: DNA
244 <213> ORGANISM: Artificial Sequence
246 <220> FEATURE:
247 <223> OTHER INFORMATION: Antisense Oligonucleotide
249 <400> SEQUENCE: 13
250 gctcgctgct cgacaggc 18
252 <210> SEQ ID NO: 14
253 <211> LENGTH: 18
254 <212> TYPE: DNA
255 <213> ORGANISM: Artificial Sequence
257 <220> FEATURE:
258 <223> OTHER INFORMATION: Antisense Oligonucleotide
260 <400> SEQUENCE: 14
261 cgcgcccagag gcatagga 18
263 <210> SEQ ID NO: 15
264 <211> LENGTH: 18
265 <212> TYPE: DNA
266 <213> ORGANISM: Artificial Sequence
268 <220> FEATURE:
269 <223> OTHER INFORMATION: Antisense Oligonucleotide
271 <400> SEQUENCE: 15
272 ctccagcttg cgcttgac 18

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274 <210> SEQ ID NO: 16
275 <211> LENGTH: 18
276 <212> TYPE: DNA
277 <213> ORGANISM: Artificial Sequence
279 <220> FEATURE:
280 <223> OTHER INFORMATION: Antisense Oligonucleotide
282 <400> SEQUENCE: 16
283 catggagaag aggtctag 18
285 <210> SEQ ID NO: 17
286 <211> LENGTH: 18
287 <212> TYPE: DNA
288 <213> ORGANISM: Artificial Sequence
290 <220> FEATURE:
291 <223> OTHER INFORMATION: Antisense Oligonucleotide
293 <400> SEQUENCE: 17
294 ctccaggtcg ttctgctc 18
296 <210> SEQ ID NO: 18
297 <211> LENGTH: 18
298 <212> TYPE: DNA
299 <213> ORGANISM: Artificial Sequence
301 <220> FEATURE:
302 <223> OTHER INFORMATION: Antisense Oligonucleotide
304 <400> SEQUENCE: 18
305 cccgcctcg aagtcgctc 18
307 <210> SEQ ID NO: 19
308 <211> LENGTH: 18
309 <212> TYPE: DNA
310 <213> ORGANISM: Artificial Sequence
312 <220> FEATURE:
313 <223> OTHER INFORMATION: Antisense Oligonucleotide
315 <400> SEQUENCE: 19
316 cacacaggtc ttcttccc 18
318 <210> SEQ ID NO: 20
319 <211> LENGTH: 18
320 <212> TYPE: DNA
321 <213> ORGANISM: Artificial Sequence
323 <220> FEATURE:
324 <223> OTHER INFORMATION: Antisense Oligonucleotide
326 <400> SEQUENCE: 20
327 cccacatta tcacatat 18
329 <210> SEQ ID NO: 21
330 <211> LENGTH: 18
331 <212> TYPE: DNA
332 <213> ORGANISM: Artificial Sequence
334 <220> FEATURE:
335 <223> OTHER INFORMATION: Antisense Oligonucleotide
337 <400> SEQUENCE: 21
338 gccagccttc tccaatct 18
340 <210> SEQ ID NO: 22

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VERIFICATION SUMMARY

DATE: 01/30/2002

PATENT APPLICATION: US/10/019,791

TIME: 13:14:34

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF3\01302002\J019791.raw

L:15 M:270 C: Current Application Number differs, Replaced Current Application No

L:15 M:271 C: Current Filing Date differs, Replaced Current Filing Date